Sept 1963

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# *Important Dates*

ADMISSION: New and transfer students should complete requirements by August 12, 1963. Registration material for all current and former students (but not for beginning freshmen or transfers) who complete re-admission requirements by Monday, August 12, 1963, may be obtained on August 21 & 22.

Orientation of new students registering in the Evening Division, 7:00 P.M., September 23, 1963.

Registration for classes: September 24, 1963. Students whose surnames begin with L-Z will register at 6:30 P.M. Those whose surnames begin with A-K will register at 7:30 P.M.

Classes meet as scheduled: September 25, 1963.

FEES:

| | |
|---|---|
| For Residents of Tennessee | $ 7.50 per semester hour credit. |
| For Non-Residents | $15.00 per semester hour credit. |

*Application For Admission*

**APPLICATION FOR READMISSION — MEMPHIS STATE UNIVERSITY**

Full Legal Name: _____ Sex: _____
(Print) Last First Middle Maiden, if Married M or F

Permanent Mailing Address: _____
Number Street City Zone State

Date of Birth: _____ Place of Birth: _____
Month Day Year City State

Date of Proposed Re-entrance: _____ Semester of 19____ Evening Division: _____
(Fall, Spring, or Summer) for the Day Classes: _____
(Please Check)

Date of Last Attendance at Memphis State: _____

Major Area: _____ Classification: _____

Colleges Attended Since Leaving Memphis State (If None, Write "None"):

College: _____ Date Attended: _____

College: _____ Date Attended: _____

DO NOT WRITE IN THIS SPACE

School: _____ Class: _____

Clearance: _____

Date: _____

_____
Signature

Date: _____, 19____

RETURN THIS APPLICATION TO THE REGISTRAR'S OFFICE

*Application For New and Transfer Students*

APPLICATION FOR NEW and TRANSFER STUDENTS

Students beginning college or transferring from another institution complete this form for further information on admission requirements.

Full Name _____ Sex: _____
(Print) Last First Middle Maiden, if married M or F

Address _____
Number Street City Zone State

Date of Proposed Entrance _____ Semester of 19____

# Memphis State University

## Evening Division • Fall Semester 1963

(See inside for description of courses)

| | Title | Dept. | Course Number | Sec. | Time | Days | Room | Instructor | Cr. |
|---|---|---|---|---|---|---|---|---|---|
| | Introduction to Engineering | I A | 141 | 71 | 6:00 | MW | IA122 | Staff | 3 |
| | Surveying | I A | 145 | Lec. 71 | 7:30 | Wed | IA122 | Klink | 3 |
| | | | | Lab. 71 | 6:00 | Sat. | IA124 | Klink | |
| | Engineering Graphics I | I A | 151 | 71 | 7:30 | MW | IA124 | Vaughan | 3 |
| | Engineering Graphics II | I A | 152 | 71 | 7:30 | MW | IA124 | Staff | 3 |
| | Construction Surveying | I A | 245 | Lec. 71 | 7:30 | Wed | IA127 | Gonyaw | 3 |
| *Industrial Arts* | | | | Lab 71 | 6:00 | Sat. | IA123 | Gonyaw | |
| | Safety Problems | I A | 336A | 71 | 7:30 | TT | IA124 | Staff | 1 |
| | | | 336B | 71 | 7:30 | TT | IA124 | Staff | 1 |
| | | | 336C | 71 | 7:30 | TT | IA124 | Staff | 1 |
| | Engineering Materials | I A | 341 | 71 | 6:00 | TT | IA121 | Colclasure | 3 |
| | Architectural Drawing | I A | 351 | 71 | 7:30 | TT | IA123 | Gabriel | 3 |
| | Machine Design | I A | 357 | 71 | 7:30 | MW | IA123 | Fly | 3 |

## The School of Arts and Sciences

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Art Appreciation | Art | 111 | 71 | 6:00 | MW | OH1309 | Cowan | 3 |
| | Basic Design | Art | 121 | 71 | 7:30 | MW | OH1309 | Cowan | 3 |
| | Ceramics | Art | 339 | 71 | 6:00 | TT | IA125 | Nave | 3 |
| *Art* | Arts & Crafts | Art | 361 | 71 | 7:30 | TT | IA125 | Nave | 3 |
| | Introduction to Biology | Biol | 111 | Lec. 71 | 7:30- 8:30 | MW | M314 | Cunningham | 3 |
| | | | | 72 | 8:30- 9:30 | MW | M314 | Cunningham | 3 |
| | | | | Lab. 71 | 7:30- 8:30 | MW | M317 | Staff | |
| *Biology* | | | | Lab. 72 | 8:30- 9:30 | MW | M317 | Staff | |
| | General Plant Biology | Biol | 141 | 71 | 6:00- 8:30 | TT | M310 | Wetherne | 4 |
| | General Animal Biology | Biol | 142 | 71 | 6:00- 9:30 | MW | M215 | Warmbrod | 5 |
| | | | | 72 | 6:00- 9:30 | TT | M215 | Staff | 5 |
| | Plant Morphology | Biol | 402 | 71 | 6:00- 9:00 | TT | M315 | Howell | 4 |
| | General Inorganic Chemistry | Chem | 111* | Lec. 71 | 6:00- 7:30 | TT | M119 | Estes | 4 |
| | | | | Lab. 71 | 7:30- 9:30 | TT | M116 | Estes | |
| | General Organic Chemistry | Chem | 321 | Lec. 71 | 6:00- 7:30 | TT | MB6 | Watson | 4 |
| | | | | Lab. 71 | 7:30- 9:30 | TT | M132 | Watson | |
| *Chemistry & Physics* | Physical Chemistry | Chem | 341 | Lec. 71 | 6:00- 7:30 | MW | MB17 | Marshall | 4 |
| | | | | Lab. 71 | 7:30- 9:30 | W | MB4 | Marshal | |
| | * Students registering for Chem 111 must qualify with Chem. 110 or placement test. | | | | | | | | |
| | Physics for Science and Engineering | Phys | 251 | Lec. 71 | 6:00- 7:30 | TT | M233 | Woellett | 5 |
| | | | | Lab. 71 | 6:00- 9:00 | W | M227 | Woellett | |
| | English Fundamentals | Engl | 111 | 71 | 6:00 | MW | OH1236 | Battle | 3 |
| | | | | 72 | 7:30 | MW | A226 | McLemore | 3 |
| | | | | 73 | 7:30 | MW | A325 | A. Smith | 3 |
| | | | | 74 | 6:00 | TT | A215 | Cochran | 3 |
| | | | | 75 | 7:30 | TT | A323 | Kubik | 3 |
| | English Fundamentals | Engl | 112 | 71 | 6:00 | TT | A329 | Kubik | 3 |
| | | | | 72 | 7:30 | TT | A215 | Cochran | 3 |
| | English Literature | Engl | 211 | 71 | 6:00 | MW | A215 | Howell | 3 |
| | | | | 72 | 7:30 | MW | A215 | Howell | 3 |
| | | | | 73 | 7:30 | MW | OH1236 | Battle | 3 |
| *English* | Shakespeare's Comedies and Histories | Engl | 433 | 71 | 6:00 | MW | A226 | McLemore | 3 |
| | Introduction to Earth Science I | Geog | 111 | Lec. 71 | 7:30 | M | J119 | Corbet | 3 |
| | | | | Lab. 71 | 7:30 | W | J116 | | |
| | | | | Lec. 72 | 5:30 | Tu | J119 | Aiken | 3 |
| | | | | Lab. 72 | 5:30 | Th | J116 | | |
| | Introduction to Earth Science II | Geog | 112 | Lec. 71 | 7:30 | Tu | J119 | Butler | 3 |
| | | | | Lab. 71 | 7:30 | Th | J116 | | |
| | Economic Geography, Major Basic Resources | Geog | 121 | 71 | 6:00 | TT | J106 | Barber | 3 |
| *Geography* | Economic Geography: Industrial and Commercial | Geog | 122 | 71 | 6:00 | MW | J106 | Almy | 3 |
| | A Survey of World Regions I | Geog | 235 | 71 | 6:00 | MW | J108 | Frye | 3 |
| | Urban Land Uses | Geog | 461 | 71 | 6:00 | TT | J103 | Johnson | 3 |
| | City Planning: A General Survey | Geog | 462 | 71 | 7:30 | TT | J105 | Wellman | 3 |
| | Development of European Civilization I | Hist | 111 | 71 | 6:00 | TT | A123 | Cobb | 3 |
| | | | | 72 | 7:30 | TT | A153 | Cobb | 3 |
| | United States to 1865 | Hist | 221 | 71 | 6:00 | MW | A120 | McTighe | 3 |
| | | | | 72 | 6:00 | TT | A122 | McTighe | 3 |
| | | | | 73 | 7:30 | TT | A122 | McTighe | 3 |
| *History* | Constitutional History of the United States to 1865 | Hist | 343 | 71 | 7:30 | MW | A120 | McTighe | 3 |
| | Mathematical Concepts | Math | 101 | 71 | 6:00 | TT | A304 | McMillan | 3 |
| | Mathematics for Business | Math | 111 | 71 | 6:00 | MW | A302 | Farrimond | 3 |
| | | | | 72 | 7:30 | TT | A304 | Sarchet | 3 |
| | Basic Mathematics | Math | 121 | 71 | 6:00 | MW | A304 | | 0 |
| | Basic Mathematics | Math | 122 | 71 | 7:30 | TT | A302 | Day | 3 |
| | College Algebra and Trigonometry | Math | 141 | 72 | 6:00 | TT | A369 | Sistler | 3 |
| | | | | 71 | 6:00 | MWTh | A300 | Mosley | 5 |
| | | | | 72 | 7:30 | MWTh | A307 | Mosley | 5 |
| *Mathematics* | Calculus | Math | 212 | 71 | 6:00 | MWTh | A311 | Foster | 5 |
| *Modern Languages* | Elementary French | Fren | 111 | 71 | 6:00 | TT | OH1205 | Biles | 3 |
| | Elementary German | Germ | 112 | 71 | 6:00 | MW | OH1207 | Deutsch | 3 |
| | Elementary Spanish | Span | 111 | 71 | 7:30 | MW | OH1207 | Buell | 3 |
| *Music and Music Education* | Music Lessons | Individual lessons in piano, organ, orchestral instruments or voice may be taken for credit by Evening Division students. Arrange for these lessons at the time of registration by discussion with the Music Department representative. | | | | | | | |
| *Philosophy* | Introduction to Philosophy | Phil | 111 | 71 | 7:30 | MW | J-G2 | Bigger | 3 |
| *Political Science* | National Government | PolS | 221 | 71 | 6:00 | MW | BA219 | Staff | 3 |
| | General Psychology I | Psyc | 111 | 71 | 7:30 | MW | J216 | Cannon | 3 |
| | | | | 72 | 6:00 | TT | J216 | Addington | 3 |
| | General Psychology II | Psyc | 112 | 71 | 6:00 | MW | J219 | DeLange | 3 |
| | Psychology in Business and Industry | Psyc | 212 | 71 | 7:30 | TT | J216 | Addington | 3 |
| | Social Psychology | Psyc | 213 | 71 | 7:30 | MW | J219 | DeLange | 3 |
| | Quantitative Methods | Psyc | 215 | 71 | 6:00 | MW | J217 | Hackett | 3 |
| *Psychology* | Psychology of Behavior Disorders | Psyc | 312 | 71 | 6:00 | MW | J216 | Cannon | 3 |
| *Sociology and Anthropology* | Society and Man | Socl | 211 | 71 | 7:30 | TT | J226 | Jensen | 3 |
| *Speech and Drama* | Business Speech | Spch | 101* | 71 | 6:00 | TT | A157 | Sutton | 3 |
| | Basic Speech | Spch | 111* | 71 | 7:30 | TT | A157 | Sutton | 3 |
| | * Credit may be earned on only one of the following courses: 101, 111. | | | | | | | | |

## The School of Business Administration

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Fundamentals of Accounting I | Acct | 201 | 71 | 6:00 | TT | BA307 | Staff | 3 |
| | | | | 72 | 7:30 | TT | BA307 | Staff | 3 |
| | Fundamentals of Accounting II | Acct | 202 | 71 | 6:00 | MW | BA305 | Staff | 3 |
| | | | | 72 | 7:30 | MW | BA307 | Staff | 3 |
| | Accounting Laboratory | Acct | 272 | 71 | 6:00 | Mon | BA307 | Staff | 1 |
| | Intermediate Accounting I | Acct | 311 | 71 | 6:00 | MW | BA311 | R. Curbo | 3 |
| | Cost Accounting I | Acct | 331 | 71 | 7:30 | MW | BA305 | R. Curbo | 3 |
| | Auditing I | Acct | 424 | 71 | 7:30 | TT | BA305 | Wray | 3 |
| | Governmental Accounting | Acct | 454 | 71 | 6:00 | TT | BA305 | Wray | 3 |
| | Advanced Auditing | Acct | 5524 | 71 | 6:00 | MW | BA301 | L. Curbo | 3 |
| *Accountancy* | Current Accounting Problems I | Acct | 5563 | 71 | 7:30 | MW | BA301 | L. Curbo | 3 |
| | Principles of Economics I | Econ | 211 | 71 | 6:00 | MW | BA203 | Staff | 3 |
| | | | | 72 | 7:30 | MW | BA203 | Staff | 3 |
| | Principles of Economics II | Econ | 212 | 71 | 6:00 | TT | BA203 | Staff | 3 |
| | Economics of Business Enterprise | Econ | 312 | 71 | 7:30 | TT | BA203 | Staff | 3 |
| | Business Cycles and Forecasting | Econ | 414 | 71 | 6:00 | MW | BA213 | Staff | 3 |
| *Economics and Finance* | Investments | Econ | 462 | 71 | 7:30 | TT | BA201 | Staff | 3 |
| | Introduction to Business | Mgmt | 101 | 71 | 6:00 | TT | BA205-7 | Staff | 3 |
| | Clerical Office Machines | Mgmt | 271 | 71 | 6:00 | MW | BA209 | Staff | 3 |
| | Business Law I | Mgmt | 301 | 71 | 6:00 | MW | BA311 | Staff | 3 |
| | Business Organization and Finance | Mgmt | 341 | 71 | 6:00 | TT | BA325 | Staff | 3 |
| | Industrial Management I | Mgmt | 345 | 71 | 7:30 | MW | BA213 | Staff | 3 |
| | Business Statistics I | Mgmt | 371 | 71 | 7:30 | TT | BA209 | Staff | 3 |
| | Property Management | Mgmt | 433 | 71 | 6:00 | TT | BA211 | Staff | 3 |
| | Corporation Finance | Mgmt | 441 | 71 | 7:30 | MW | BA311 | Staff | 3 |
| *Management* | Statistical Quality Control | Mgmt | 472 | 71 | 6:00 | MW | BA325 | Staff | 3 |
| | Principles of Marketing | Mktg | 301 | 71 | 6:00 | MW | BA221 | Staff | 3 |
| | Principles of Retailing | Mktg | 381 | 71 | 7:30 | MW | BA221 | Staff | 3 |
| | Wholesale-Industrial Marketing | Mktg | 421 | 71 | 6:00 | TT | BA221 | Staff | 3 |
| *Marketing* | Marketing Research | Mktg | 491 | 71 | 7:30 | TT | BA221 | Staff | 3 |
| *Secretarial Science and Office Management* | Elementary Typewriting I | Sec S | 121 | 71 | 6:00 | TT | 315 | Counce | 3 |
| | Fundamentals of Shorthand I | Sec S | 211 | 71 | 7:30 | TT | 319 | Counce | 3 |
| | Office Management I | Sec S | 442 | 71 | 6:00 | MW | 319 | Roberts | 3 |

## The School of Education

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Human Growth and Development | Educ | 102 | 71 | 7:30 | MW | ED121 | Sevedge | 3 |
| | The Psychology of Learning | Educ | 201 | 71 | 6:00 | MW | ED121 | Rudman | 3 |
| | Foundations of Educational Thought and Practice (Same as Educ. 101) | Educ | 203 | 71 | 7:30 | MW | ED123 | | 3 |
| | The Teaching of Reading and the Other Language Arts in the Elementary School | Educ | 385 | 71 | 6:00 | TT | ED119 | Shubkagle | 3 |
| | Materials and Methods in High School Vocational Business Subjects | Educ | 391C-a | 71 | 7:30 | MW | BA319 | Roberts | 3 |
| | The Teaching of Modern Mathematics in the Elementary School | Educ | 443 | 71 | 6:00 | TT | ED129 | Powell | 3 |
| *Curriculum and Instruction* | Procedures, Administration and Organization of Guidance Services in Schools | Educ | 471 | 71 | 7:30 | TT | ED123 | Stephenson | 3 |
| | Elementary School Administration | Educ | 486 | 71 | 4:30 7:30 | Mon | ED127 | Johnson | 3 |
| | Diagnostic and Remedial Reading in Elementary and Secondary Schools | Educ | S-541 | 71 | 7:30 | TT | ED129 | Shubkagle | 3 |
| | The Modern Junior High School | Educ | S-565 | 71 | 7:30 | TT | ED121 | Griesbeck | 3 |
| | High School Administration | Educ | S-584 | 71 | 6:00 9:00 | Wed | ED127 | Underwood | 3 |
| *Special Education* | Education of Exceptional Children | SpEd | 480 | 71 | 6:00 | TT | ED121 | Krause | 3 |
| *Health* | Health, Personal and Community | Hlth | 101 | 71 | 6:00 | MW | F121 | Steff | 3 |
| | Safety and First Aid | Hlth | 231 | 71 | 6:00 | TT | F120 | Price | 3 |
| | Health Statistics | Hlth | 480 | 1 | 4:00 5:30 | MW | F121 | Scott | 3 |
| *Physical Education* | Orientation and Fundamental Rhythms (Women) | P. Ed | 100 | 71 | 6:00 | MW | F212 | DuVall | 1 |
| | Folk and Social Dance (Co-ed) | P. Ed. | 241 | 71 | 6:00 | TT | F212 | Floyd | 1 |
| *Home Economics* | Elementary Nutrition | H Ec | 241 | 71 | 4:30 | TT | M302 | Henderson | 3 |

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# Description of Courses

### Industrial Arts

141—Introduction to Engineering. (3).
Introduction to the engineering profession, with emphasis on the slide rule and measuring instruments

145—Surveying. (3).
Surveying practices, calculations, and use of topographical instruments. PREREQUISITE: Industrial Arts 141 and Industrial Arts 151. One hour lecture, four hours laboratory

151—Engineering Graphics. (3).
Basic drafting practices in the use of instruments, theory of projections, and working drawings. One lecture, four laboratory hours per week

152—Engineering Graphics (3)
Continuation of Industrial Arts 151, including basic space relationships of points, lines, planes, and surfaces. PREREQUISITE: Industrial Arts 151. (Students with two years of high school drafting, or with drafting experience—upon satisfactory completion of a proficiency test—may be permitted to enroll in Industrial Arts 152) One lecture, four laboratory hours per week

240—Study of construction layouts and site locations PREREQUISITE: Industrial Arts 145, Math 141

336—Safety Problems (1-4).
A. Fire Protection (1).
B. Chemical Safety (1).
C. Electrical Safety (1).

341—Engineering Materials (3)
Study of materials.

351—Architectural Drawing. (3)
Planning and executing residential preliminary and working drawings, details, and specifications PREREQUISITE Industrial Arts 252. One lecture, four laboratory hours per week

357—Machine Design. (3).
Study and design of basic machine elements PREREQUISITE: Industrial Arts 145, Math 141

361—Arts and Crafts (3)
Introductory arts and crafts, including leather and metal craft, weaving, and ceramics, as they relate to educational and recreational areas

### Biology

111—Introducton to Biology. (3)
An introductory survey of biology, with emphasis on the animal kingdom, designed for the non-science major. Credit in this course is not acceptable for the biology major or in related pre-professional curricula. Two lecture, two laboratory hours per week.

141—General Plant Biology. (4)
A survey of the plant kingdom considering distribution, taxonomic relationships, morphology, physiology, and economic importance of selected forms. Three lecture, two laboratory hours per week.

142—General Animal Biology. (5).
A survey of the animal kingdom considering distribution, taxonomic relationships, morphology, physiology, and economic importance of selected forms. Three lecture, four laboratory hours per week

402—Plant Morphology (4)
A continuation of Biology 401, considering the vascular plants PREREQUISITE: Biology 141 or the equivalent. Two lecture, four laboratory hours per week

### Classical and Modern Languages

111—Elementary French. (3).
Elements of grammar and pronunciation, elementary conversation, and the reading of simple selections.

112—Elementary German. (3).
A continuation of German 111 devoted to further extensive drill in the fundamentals.

113—Elementary Spanish. (3).
Extensive drill in the principles of grammar, with exercises in pronunciation, elementary conversation and oral understanding, and translation of the aural and written language

### English

111—English Fundamentals. (3)
Training in correct writing, including a review of sentence and paragraph construction, diction, punctuation, grammar, and spelling, expository and narrative themes readings in fiction and non-fiction.

112—English Fundamentals (3).
A continuation of English 111, devoted to the more complex forms of writing and additional readings. PREREQUISITE. English 111 or the equivalent

211—English Literature (3).
A survey of English literature from the beginning to the period of Romanticism, with emphasis on the works of Chaucer, Spenser, Shakespeare, Milton, Dryden, Addison, Steele, Pope, Swift, and Goldsmith. PREREQUISITES English 111 and 112, or the equivalent

433—Shakespeare's Comedies and Histories (3).
The best known of Shakespeare's comedies are included in this course. In addition several of his histories are studied

### Health

460—Health Statistics. (3).
A study of the statistical method, including collection, analysis, and presentation of numerical data pertaining to health problems

### History

111—The Development of European Civilization I (3)
Especially recommended for freshmen, this course traces the forms of western civilization from their ancient beginnings through the seventeenth century.

221—The United States to 1865 (3).
A survey of the United States from the discovery to the close of the Civil War. PREREQUISITE: sophomore standing.

343—Constitutional History of the United States to 1865. (3).
A study of the formative period and the early period of operations of the United States Constitution PREREQUISITE: junior standing and History 221.

### Mathematics

111—MATHEMATICS. Mathematics for Business (3)
Fundamental concepts of arithmetic and algebra, linear functions and graphs, linear systems, linear programming; matrices.

121—Basic Mathematics No credit.
Fundamental operations of arithmetic and algebra, exponenes and logarithms; factoring, fractions, linear equations; verbal problems.

122—Basic Mathematics (3).
Quadratic equations; binomial theorem; trigonometric functions, probability; statistical processes.

141—College Algebra and Trigonometry. (5).
PREREQUISITE 3 units In high school algebra and geometry.

212—Calculus (5).
Differentiation of transcendental functions; differentials, applications of differentiation; definite integral; technique of integration PREREQUISITE Mathematics 211

### Music and Music Education

MUSIC Individual lessons in piano, orchestral instruments, voice and theory may be taken for credit The student should arrange for these lessons at the time of registration by discussion with the Music Department representative

### Physical Sciences

111—General Chemistry. (4).
The basic course and a prerequisite for all higher-numbered courses in chemistry, covering atomic structure and its relationship to the physical and chemical properties of the elements, the states of matter, properties of gases and solutions, oxidation-reduction reactions, acid-base reactions, and chemistry of some of the more important non-metals. PREREQUISITE. Chemistry 110, or approval of the staff. PREREQUISITE OR COREQUISITE. Mathematics 121 or 141. Three lecture, three laboratory hours per week

121—General Organic Chemistry. (4).
A systematic study of the preparations and reactions of aliphatic compounds and their interpretation by modern theories of organic chemistry.

341—Physical Chemistry. (Formerly Chemistry 411). (4).
The fundamental principles of physical chemistry, including kinetic theory, thermochemistry, the laws of thermodynamics, solutions, and phase equilibria. PREREQUISITES: Chemistry 206 or 220, Physics 212 or 252, Mathematics 212. Three lecture, two laboratory hours per week.

251—Physics for Science and Engineering. (5).
Designed primarily for students intending to major in physics, chemistry, or mathematics, required of all students in the pre-engineering curriculum and recommended for students planning to teach physics in the secondary schools. PREREQUISITES or COREQUISITES. Chemistry 111 and Mathematics 211. Four lecture, two laboratory hours per week.

### Psychology

111—General Psychology I (3).
An introduction to the methods and scope of contemporary psychology. Facts and principles of human behavior are considered in their relationship to life adjustments. Areas covered include individual differences, social processes, aptitudes and vocational adjustment, intelligence, and the nature and development of personality.

112—General Psychology II. (3)
An introduction to psychology as a basic science emphasizing research findings and theoretical interpretations in the investigation of human and animal behavior Areas covered include sensation and perception, motivation and emotion, learning and retention, and physiological mechanisms

212—Psychology in Business and Industry. (3).
Attitudes, morale, skill, motivation, fatigue, and other psychological factors important in employer and employee relations in business and industry.

313—Social Psychology. (3).
A study of the influences of group behavior and cultural traditions upon the individual's vocational, domestic, and social adjustments. The psychological factors in the major problems of today.

215—Quantitative Methods. (3).
Elementary statistics with primary emphasis on computation. Measures of central tendency and variability with introduction to tests of significance and correlation

312—Psychology of Behavior Disorders. (3)
A study of the concepts in psychopathology with emphasis on the development of behavior deviations; description of various neurotic and psychotic reactions; an introduction to methods of psychotherapy

### Philosophy

111—Introduction to Philosophy (3).
A study of the great problems arising in the reflection upon the knowledge and nature of the world and human conduct in it.

### Speech and Drama

*101—Business Speech. (3).
Basic principles of oral communication, with attention to the speaking situation of the business world.

*111—Basic Speech (3).
Adjustment to the speaking situation, effective voice usage, bodily activity, and speech organization.

*Credit may be earned in only one of the following courses: Speech 101, Speech 111.

### Physical Education

100—Orientation and Conditioning. (1).
Orientation and fundamental rhythms (for women). One or two semesters required of all students (except majors in health and physical education).

### Co-Educational

241—Folk and social dance
Two or more semesters required of all students, the specific course number to be selected from the following list. PREREQUISITE: Physical Education 100.

101—Health, Personal Hygiene. (3).
The physiological basis of correct living, including fundamental biological facts, the psychological aspects of human behavior as they affect the individual health conduct and mental hygiene; the agents of disease and modern scientific methods of controlling them; the roles of public health agencies and related cooperative agencies; the individual's responsibility for maintaining a healthful community

231—Safety and First Aid. (3).
First aid and safety measures for the home, school, and community; care of first aid materials, recognition of injuries and emergency treatment.

### Geography

111—Introduction to Earth Science I. (3).
An introductory study of earth-sun and earth-moon relations, the oceans and their movements, weather, and climate. Two lecture, two laboratory hours per week

112—Introduction to Earth Science II. (3).
An introductory study of maps as a basic tool in understanding earth phenomena, landforms, the structure and composition of rocks, soils and their capabilities. Two lecture, two laboratory hours per week (Geography 111 and 112 will satisfy the requirement of one year of a physical science for the baccalaureate degree)

121—Economic Geography: Major Basic Resources (3).
Man's development and use of such major basic resources as land, water, forests, and minerals.

122—Economic Geography Industrial and Commercial. (3).
An introductory study of manufacturing, trade, and transportation.

235—A Survey of World Regions I. (3).
Regional geography in Europe, the Soviet Union, and the Middle East with emphasis on the people and their activities as related to the environment.

451—Urban Land Uses (3). (Formerly Geography 451).
A study of the allocation of land for urban uses; the adjustments and adaptations to existing physical phenomena, the patterns, functions, and forms of specific urban land areas, and some of the continuous problems of urban development and growth.

462—City Planning (3). (Formerly Geography 452).
The fundamental principles of urban planning; basic elements of a city plan, and the necessity of continuity in planning administration.

### Political Science

221—National Government. (3)
The origins of our system of government, the framing of the Constitution, the principles underlying constitutional government, citizenship, civil rights, political institutions, the national executive, the congressional organization and function, and the judicial process

## School of Business Administration

### Accountancy

201—Fundamentals of Accounting I. (3).
Basic principles, manufacturing and retail, the accounting cycle, accruals and deferments, valuation accounts, special journals including the voucher register Both semesters.

202—Fundamentals of Accounting II. (3).
Payrolls, taxation, partnership, corporations, further applications of accounting theory. Both semesters PREREQUISITE: Accounting 201.

272—Accounting Laboratory. (1).
The working of a practice set involving current accounting practice. Both semesters. PREREQUISITE Accounting 201.

311—Intermediate Accounting I. (3).
Accounting theory and procedure, corrections of prior periods, accounting statements, comparative statements, working capital, miscellaneous ratios, profit and loss analysis, corporations Both semesters. PREREQUISITE Accounting 202.

331—Cost Accounting I (3)
Material inventory records, inventory evaluation, accounting for labor, distribution of manufacturing costs, introduction to process cost. Both semesters. PREREQUISITE Accounting 202

424—Auditing I. (3).
Ethics in accounting practices, auditing standards and procedures, programs of audit of various accounts, construction and indexing of various papers, reports to clients. Fall semester. PREREQUISITES Accounting 312, 332.

454—Governmental Accounting (3).
Accounting theory and practice applicable to Federal, state, and local governments and to nonprofit institutions, budgetary control, control, classification, and use of funds, financial statements and reports. Fall semester. PREREQUISITE. Accounting 312.

S524—Advanced Auditing (3)
Review and study of generally accepted auditing standards, procedures and extension of auditing procedures; preparation of audit reports and study of special investigations, study of auditing research bulletins of the American Institute of Certified Public Accountants, and pronouncements of the S.E.C and other regulatory agencies PREREQUISITE Accounting 324 or 424 or permission of instructor.

S-583—Current Accounting Problems I (3).
Review of C.P.A. Examinations, including theory of accounts, accounting practice, and auditing. Open to persons with substantial accounting backgrounds, and on permission of instructor. Spring semester

### Economics

211—Principles of Economics I. (3).
An introduction to economic concepts and terminology and to the fundamental principles underlying the production, exchange, distribution, and consumption of income and wealth, together with the application of those principles to public administration. Attention is given to both the neo-classical and the national income methods of economic analysis.

212—Principles of Economics II. (3).
A continuation of Economics 211. PREREQUISITE: Economics 211.

414—Business Cycles and Forecasting. (Formerly Economics 432 and Management 414). (3).
Study of factors involved in the movements of business activity: irregular, seasonal, regular, and trend; application of the same for forecasting purposes in business. PREREQUISITES. Economics 361 and Management 371.

462—Investments. (Formerly Management 462). (3).
The principles of investment in stocks and bonds and their application to specific classes of investments. Spring semester. PREREQUISITE. Management 341.

### Management

101—Introduction to Business. (3).
A survey course to acquaint beginning business students with the major institutions and practices in the business world, to provide the elementary concepts of business, and to act as an orientation course for the selection of a specific major. Both semesters Open to freshmen only.

271—Clerical Office Machines. (3).
Instruction and practice in the operation of the major types of adding and calculating machines, development of a working knowledge of the 10-key and full keyboard adding machine, key-driven and rotary calculators, and other mechanical office devices. Both semesters.

301—Business Law I. (3).
Nature and classification of law, contracts, negotiable instruments. Study of selected cases. Both semesters PREREQUISITE: junior classification or permission of the instructor.

341—Business Organization and Finance. (3).
Promotion, organization, and financing of business enterprise, principles underlying selection of business form, structure and records of American enterprise system; financial management; emphasis is placed on small and medium-sized enterprises. Both semesters. PREREQUISITE: Accounting 202.

345—Industrial Management I. (3).
Development of scientific management; principles and mechanism of organization and management in manufacturing, including plant location, layout, man; production techniques, standardization conditions, and production controls Spring semester. PREREQUISITE. Economics 321.

371—Business Statistics I (3).
Procedures of collection, analysis, presentation and interpretation of economic and business data. Both semesters. PREREQUISITES: Mathematics 122 or equivalent and Economics 211 and 212.

433—Property Management. (3).
The fundamentals of management of real estate; examination and analysis of problems, duties, and responsibilities of the property manager. PREREQUISITE: Management 331.

441—Corporation Finance. (3).
Advanced treatment of financial management with emphasis on small and medium-sized enterprise and the forces underlying determination of policy. Financial problems are considered in connection with refunding, reorganization, mergers, and consolidations. Spring semester. PREREQUISITE: Management 341.

472—Statistical Quality Control. (3).
A course emphasizing the modern statistical approach to the control of industrial quality. Topics treated include the Shewart Control Chart for Variables and Attributes, Acceptance Sampling, and Introduction to the Design of Industrial Experiments. PREREQUISITES: Math 121 or 122 and Management 371.

### Marketing

301—Principles of Marketing (3)
General survey of the marketing structure, development, functions, control, institutions, and pricing policies. Both semesters. PREREQUISITES: Economics 211 or permission of the instructor

381—Principles of Retailing. (3).
Fundamental principles underlying the successful operation of a retail business Both semesters. PREREQUISITE Marketing 301

421—Wholesale-Industrial Marketing. (3).
A study of problems and policies of wholesale and industrial organizations related to their marketing efforts with emphasis on channels of distribution. Fall semester PREREQUISITE: Marketing 401.

491—Marketing Research. (3).
Research methods and procedures used in the field of marketing to help solve marketing problems Spring semester PREREQUISITES: Marketing 401, Management 371

## The School of Education

### Curriculum and Instruction

102—Human Growth and Development. (3).
An attempt to help the student understand child nature and development, to appreciate the fact that all behavior is caused, and to form the habit of seeking bases for both normal and abnormal behavior in situations at home, at school, and in the community.

201—The Psychology of Learning. (3).
The psychology of learning as applied to activities under the guidance of the school.

202—Foundations of Educational Thought and Practice. (3).
An overview of the whole field of education, with emphasis on those things a prospective teacher should know at the beginning of professional preparation.

385—The Teaching of Reading and the Other Language Arts in the Elementary School. (3).
A basic course in reading, involving techniques and materials for the teaching of reading and the other communication skills PREREQUISITES Education 102, 201, and 203.

391—Materials and Methods in High School———. (3).
Ca. Vocational business subjects. Objectives, content, and grade placement of secondary school subjects; tools of instruction; the development of courses; teaching procedures and practice PREREQUISITES: Education 381 and satisfactory preparation in the subject matter field.

*NOTE: Students registering for Education 391 ( ) will suffix one of the letters below to the course number to indicate the subject matter area for which credit is to be given, students may register for Education 391 ( ) more than once, but may not repeat the same subject matter area for credit.*

443—The Teaching of Modern Mathematics in the Elementary School (Grades 1-8) (3).
An advanced course acquainting prospective and experienced teachers with the mathematical processes required of the elementary school child and the reasons why certain methods are used.

471—Procedures, Administration, and Organization of Guidance Services in Schools. (3).
Historical background and growth of the guidance movement; sociological, psychological, and educational foundations; functions, scope, organization and administration of guidance services; duties and responsibilities of administrators, teachers, and specialists in guidance programs

486—Elementary School Administration. (3).
A study of the major aims of the elementary school, planning the daily program through integration and related subjects; learning to keep and interpret various types of records and reports; the importance of proper teacher-pupil, teacher-teacher, teacher-administrator, and teacher-parent relationships; special emphasis on the P-TA program in Tennessee.

S-541—Diagnostic and Remedical Reading in Elementary and Secondary Schools. (3).
An analysis of why certain children fail to read adequately the development of a program to correct reading deficiencies. PREREQUISITES: Education 385, or 446, and concurrent teaching or a minimum of one year's classroom experience

S-565—The Modern Junior High School. (3).
Origin and functions of the junior-high school, prevailing practices in its educational program; suggested improved programs and procedures.

S-584—High School Administration. (3).
Modern practices in organizing and administering secondary schools; types of high schools; selection and assignment of staff, program of studies, records; management of buildings and grounds; pupil personnel; guidance; retention, retention, and improvement of teachers, and interpreting the school to the public.

### Special Education

480—Education of Exceptional Children. (3).
A survey course which deals with the general problems involved in the education of exceptional children.

### Home Economics

241—Elementary Nutrition. (3).
Nutritive value of food, factors influencing body food requirement and health. Open to freshmen.

### Sociology and Anthropology

211—Society and Man. (3).
Nature and significance of culture, social organization and social processes; social and culture change

# General Information

COURSE CHANGES Applications for change of course are made in the office of the Director of the Evening Division. No course may be added after Sept. 27 and no course may be dropped after Oct. 25.

WITHDRAWAL. Withdrawal from the Evening Division may be effected by advising the Director in writing. Failure to give written notice will result in a grade of "F" in each course for which the student is registered. A student who withdraws after the fifth week of the semester will have his grades recorded as WP (withdrawn passing) or WF (withdrawn failing). Withdrawal not permitted after Jan. 18, 1963.

COURSE CANCELLATION. The University reserves the right to cancel courses listed in this bulletin for which there are inadequate registrations.

VETERANS' PROCEDURE. Memphis State University is fully approved for training under the veterans' programs.

Veterans entering college for the first time and desiring to take advantage of the veterans' benefits must apply to the Veterans Administration, 801 Broadway, Nashville 3, Tennessee for a "Certificate for Education and Training."

Korean veterans are responsible for payment of their university fees.

All veterans, after registration, must file schedules of their classes with Coordinator of Veterans' Affairs, whose office is in the Student Center. Each month they must file "K-2" forms and sign the "Certificate of Training Form" to qualify for compensation checks. The dates on which these forms may be picked up and signed will be posted on the Student Center bulletin board.

Inquiries about veterans programs should be addressed to: Coordinator of Veterans' Affairs, Memphis State University, Memphis 11, Tennessee.